



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

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October 29, 2009

Mr. James Thompson  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn

Assistant Council  
Department of Environmental Protection  
Division  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
ATTN: Steve Hapler

Department of Justice  
Environmental and Natural Resource  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 09-0646  
ACHD Reference Number: N/A  
#1 Control Room; #1-3, B Battery Igniter Flares  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Mark G. Tabler  
Plant Manager  
Clairton Works

NOTICE OF BREAKDOWN OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 09-0646  
ACHD Reference Number: N/A
2. Date & Time of Breakdown: Date: 10/28/09 Time: 1941 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #1 Control Room; #1-3, B Battery Igniter Flares
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: Coke oven gas flaring occurred on #1-3 & B Batteries when suction pressure momentarily dropped during the unloading of an axi compressor at the #1 Control Room.

Date	Battery	Start Time	End Time	Duration		Flared	
				Min.	Sec.	Yes	No
10/28/09	1	19:42	19:47	5	0	Yes	
10/28/09	2	19:42	19:47	5	0	Yes	
10/28/09	3	19:42	19:47	5	0	Yes	
10/28/09	B	19:41	19:48	6	0	Yes	
8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
Released products of combustion of Coke Oven Gas.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, nose, and throat irritant.
  - C. Amount of each type emitted (or likely to be emitted).  
Light to Moderate
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
Suction pressure was corrected and normal operations resumed.
10. Facility back in operation - Date: 10/28/09 Time: 1947 hours

Signature Coleen M. Davis Date 10-29-09  
Coleen M. Davis  
Senior Environmental Control Engineer Phone: 412-233-1015